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09-595354 C of C

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/595,354
Filing Date	June 15, 2000
First Named Inventor	George S. Mentrup
Art Unit	2132
Examiner Name	Kambiz Zand
Attorney Docket Number	CON092/93156

Certificate DEC 20 2004 of Correction

Total Number of Pages in This Submission

ENCLOSURES *(Check all that apply)*

- ☐ Fee Transmittal Form
- ☐ Fee Attached
- ☐ Amendment/Reply
- ☐ After Final
- ☐ Affidavits/declaration(s)
- ☐ Extension of Time Request
- ☐ Express Abandonment Request
- ☐ Information Disclosure Statement
- ☐ Certified Copy of Priority Document(s)
- ☐ Response to Missing Parts/ Incomplete Application
- ☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
- ☐ Drawing(s)
- ☐ Licensing-related Papers
- ☐ Petition
- ☐ Petition to Convert to a Provisional Application
- ☐ Power of Attorney, Revocation Change of Correspondence Address
- ☐ Terminal Disclaimer
- ☐ Request for Refund
- ☐ CD, Number of CD(s) _____
- ☐ After Allowance communication to Technology Center (TC)
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- ☐ Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
- ☐ Proprietary Information
- ☐ Status Letter
- ☑ Other Enclosure(s) (please Identify below):

Request for Certificate of Correction
Certificate of Correction Form SB/44
Return card
Supporting documentation

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Marcia J. Rodgers Shughart, Thomson & Kilroy, P,C.
Signature	Marcia J. Rodgers
Date	Dec 8, 2004

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(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,826,281 B1

DATED : November 30, 2004

INVENTOR(S) : Mentrup et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 8, Claim 4(e)(4) the word "flexed" in the 4th line is corrected to read "fixed".

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PATENT NO. 6,826,281

No. of additional copies

DEC 20 2004

Practitioner's Docket No. CON092/93156 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Number: 6,826,281B1

Issued: November 30, 2004

Name of Patentee: George S. Mentrup et al.

Title of Invention: STORAGE-ENCRYPTION-RETRIEVAL DEVICE AND METHOD WITH RESULTING BUSINESS PROCESSES

Commissioner for Patents
Attention Certificate of Corrections Branch
PO Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION OF PATENT
FOR PTO MISTAKE (37 C.F.R. § 1.322(a))

1. Form SB/44 is attached.

2. The exact page and line number where the errors are shown correctly in the application file are:

   Page 4, Line 32 Claim 10(e)(4) of Amendment dated August 10, 2004. This claim was renumbered as No. 4 in the issued patent.

3. Copy of Amendment dated August 10, 2004 is attached.

4. Please send the Certificate to:
   Name: Marcia J. Rodgers, Esq.
   Address: Shughart, Thomson & Kilroy, P.C., 120 W. 12th Street, Suite 1500, Kansas City, MO 64105

___George S. Mentrup et al._____
(type or print name of inventor(s))

Marcia Rodgers 12/8/04
Signature of person authorized to sign on behalf of inventor(s)

__Marcia J. Rodgers_____
(type or print name of authorized person signing)
___Attorney #33765_____
Title of authorized person signing

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.	09/595,354
Applicant	George S. Mentrup et al.
Filing Date	June 15, 2000
Art Unit	2132
Title	DATA STORAGE-ENCRYPTION-RETRIEVAL DEVICES AND METHODS WITH RESULTING BUSINESS PROCESSES
Examiner	Kambiz Zand
Docket No.	CON092/93156
Customer No.	24030

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Certificate of Fax Transmission
I hereby certify that this Amendment for Application Serial No. 09/595,354, filed June 15, 2000 is being transmitted by facsimile to the U.S. Patent and Trademark Office Gas No. (703) 872-9306 on August 10. 2004.

Marcia J. Rodgers

AMENDMENT

Sir:

In response to the Office Action of May 10, 2004, please amend the above-identified application as follows:

There are No Amendments to the Specification.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

There are No Amendments to the drawings.

Remarks begin on page 7 of this paper.

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-6, (Canceled)

Claim 7 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

(a) selecting a master word having a known master sequence of master characters;

(b) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;

(c) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters;

(d) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence;

(e) providing said grid of boxes on both of opposite sides of said encryption sheet;

(f) recording said scrambled sequence on said encryption sheet by alternating from master character to master character onto opposite sides of said encryption sheet; and

(g) recording said data word in said scrambled sequence as alternated on said opposite sides of said encryption sheet.

Claim 8 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

(a) selecting a master word having a known master sequence of master characters;

(b) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;

(c) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters;

(d) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence; and

(e) recording a second data word of second data characters along a second data line of boxes of said grid in said grid sequence by said fixed geometric offset of each second data character to at least one of said master characters.

Claim 9 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

(a) selecting a master word having a known master sequence of master characters;

(b) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;

(c) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters;

(d) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence;

(e) providing a sleeve sized and shaped to receive said encryption sheet therein, said sleeve having an outer end and a character window positioned in a selected fixed geometric offset relationship to said outer end; and

(f) employing said outer end of said sleeve with and said character window to record said data characters in said fixed geometric offset and to thereby retrieve said data characters by said fixed geometric offset of said data characters to said master characters in said scrambled sequence.

Claim 10 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

(a) selecting a master word having a known master sequence of master characters;

(b) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;

(c) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters;

(d) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence;

(e) said data word being a first data word, said master word being a first master word, and said first data word and said master word being recorded on a first grid of boxes on a first side of said encryption sheet; and including the steps of:

(1) selecting a second master word having a known second master sequence of second master characters;

(2) recording said second master word on said encryption sheet in a second scrambled sequence of said second master characters other than said second master sequence along a second master line of boxes of a second grid on a second side of said encryption sheet;

(3) recording said second data word along a second data line of boxes of said second grid in said second scrambled sequence by said fixed geometric offset of each of said second data characters to a respective one of said second master characters; and

(4) retrieving said second data word by finding said second master characters in said second scrambled sequence and locating said second data characters by reference to said fixed geometric offset of said second data characters respectively to said second master characters.

Claim 11 (Canceled)

Claim 12 (Canceled)

Claim 13 (Previously presented) A method for encrypting and retrieving a data word having a data sequence of data characters using a two dimensional grid of boxes on an encryption sheet and comprising the steps of:

(a) providing a sleeve sized and shaped to receive said encryption sheet therein, said sleeve having an outer end and a character window positioned in a selected fixed geometric relationship to said outer end;

(b) selecting a master word having a known master sequence of master characters;

(c) recording said master word on said encryption sheet in a scrambled sequence of said master characters other than said master sequence along a master line of said boxes of said grid;

(d) recording said data word along a data line of boxes of said grid in said scrambled sequence by a fixed geometric offset of each of said data characters to at least one of said master characters by aligning said outer end of said sleeve with a master character and recording a data character on said encryption sheet through said character window to establish said fixed geometric offset; and

(e) retrieving said data word by finding said master characters in said scrambled sequence and locating said data characters by reference to said fixed geometric offset of said data characters respectively to said master characters in said scrambled sequence by aligning said outer end of said sleeve with each master character and reading a corresponding data character through said character window.

Claim 14 (Previously presented) A method as set forth in Claim 13 and including the step of: establishing said fixed geometric offset between each master character and a selected plurality of data characters.

Claim 15 (Previously presented) A method as set forth in Claim 13 and including the step of: establishing said fixed geometric offset between a selected plurality of master characters and each data character.

Claim 16 (Previously presented) A method as set forth in Claim 13 and including the steps of:

(a) providing said grid of boxes on both of opposite sides of said encryption sheet;

(b) recording said scrambled sequence on said encryption sheet by alternating from master character to master character onto opposite sides of said encryption sheet; and

(c) recording said data word in said scrambled sequence as alternated on said opposite sides of said encryption sheet.

Claim 17 (Previously presented) A method as set forth in Claim 13 and including the step of: recording a second data word of second data characters along a second data line of boxes of said grid in said grid sequence by said fixed geometric offset of each second data character to at least one of said master characters.

Claim 18 (Previously presented) A method as set forth in Claim 13 wherein said data word is a first data word, said master word is a first master word, said first data word and said master word are recorded on a first grid of boxes on a first side of said encryption sheet; and including the steps of:

(a) selecting a second master word having a known second master sequence of second master characters;

(b) recording said second master word on said encryption sheet in a second scrambled sequence of said second master characters other than said second master sequence along a second master line of boxes of a second grid on a second side of said encryption sheet;

(c) recording said second data word along a second data line of boxes of said second grid in said second scrambled sequence by said fixed geometric offset of each of said second data characters to a respective one of said second master characters; and

(d) retrieving said second data word by finding said second master characters in said second scrambled sequence and locating said second data characters by reference to said fixed geometric offset of said second data characters respectively to said second master characters.

Claim 19 (Previously presented) A method as set forth in Claim 13 and including the steps of:

(a) providing a magnetic strip on said encryption sheet; and

(b) recording in said magnetic strip an encoded sequence which is independent of said data word and said master word.

REMARKS:

Claims 4-19 are pending are pending in this application. Claims 1-3 have been previously canceled.

Applicants note with appreciation the Examiner's indication that Claims 7-10 and 13-19 are allowed. The remaining claims are canceled by this amendment. Accordingly, Applicants respectfully solicit an early Notice of Allowance.

In the event that the Examiner is of the opinion that the prosecution of this application can be advanced thereby, he is invited to contact Applicants' attorney at the telephone number listed below.

Respectfully submitted,

George S. Mentrup et al.

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MJR/
attachments